

Reducing Costs at Remote Pipeline Riser Locations

Application Sheet #60

REAL TIME BENEFIT

SITUATION

- A midstream operator in the Anadarko Basin had concerns over excessive methanol and manpower, used to prevent a section of pipeline from freezing. Five hundred gallons of methanol were being consumed two to three times per week.
- The wet gas riser was remotely located. In addition to filling the methanol tanks the legacy pumps required significant maintenance, necessitating two operators be on location to ensure the work could be completed safely in one day. The travel alone required twelve to eighteen man hours per week.
- Before freezing off there were early indications of problems indicated by elevated pressure in the pipeline.

SOLUTION

- Sirius provided a low maintenance Fusion™ chemical injection system that sensed the injection pressure and provided feedback to control the injection rate.

RESULTS

- Following the Sirius installation there were no line freeze ups during the following winter.
- Methanol consumption dropped from 5,000 to 1,000 gallons monthly, resulting in an annual savings of over \$180,000.
- Only 2 deliveries were required a month with no pump maintenance. As a result, the trips could be made with a single person resulting in a further savings of approximately 90 man hours per month.

- \$180,000 annual savings in methanol.
- No Freeze ups!
- Significant Manpower Reduction.



www.siriuscontrols.com

PROFITABLE ENVIRONMENTAL SOLUTIONS